

CURRENT CLAIMS SCHEDULE

1 1-59 (Cancelled)

1 60. (Currently Amended) A method of electronically negotiating an END, sold by a  
2 seller to a buyer, the method comprising:

3 ——— providing said seller with seller tamper-resistant document carrier hardware, said  
4 seller tamper-resistant document carrier hardware having its own public-secret key pair,  
5 and wherein said secret key is not accessible to said seller, said seller tamper-resistant  
6 document carrier bearing said END and a signature calculated using said secret key;

7 ——— providing said buyer with buyer tamper-resistant document carrier hardware, said  
8 buyer tamper-resistant document carrier hardware having its own public-secret key pair,  
9 and wherein said secret key is not accessible to said buyer;

10 ——— transferring said END from said seller tamper-resistant document carrier hard-  
11 ware to said buyer tamper-resistant document carrier hardware;

12 ——— splitting said END electronically in said buyer tamper-resistant document carrier  
13 hardware into two or more new ENDs each having a value such that the sum of the val-  
14 ues of the new ENDs adds up to a value of said END;

15 ——— digitally signing said splitting using said secret key of said buyer tamper-resistant  
16 document carrier hardware to generate a splitting signature; and

17 ——— negotiating said new ENDs separately to one or more further buyers without the  
18 involvement of a trusted third party (TTP); electronic negotiable document having a

19 value and sold by a seller to a buyer, wherein said seller is not a bank, the method com-  
20 prising;

21 \_\_\_\_\_ providing said seller with seller tamper-resistant document carrier hardware, said  
22 seller tamper-resistant document carrier hardware having its own public-secret key pair,  
23 and wherein said secret key is not accessible to said seller, said document carrier bearing  
24 said electronic negotiable document and a signature calculated using said secret key;

25 \_\_\_\_\_ providing said buyer with buyer tamper-resistant document carrier hardware, said  
26 buyer tamper-resistant document carrier hardware having its own public-secret key pair,  
27 and wherein said secret key is not accessible to said buyer;

28 \_\_\_\_\_ transferring said electronic negotiable document from said seller tamper-resistant  
29 document carrier hardware to said buyer tamper-resistant document carrier hardware;

30 \_\_\_\_\_ splitting said electronic negotiable document electronically in said buyer tamper-  
31 resistant document carrier hardware into two or more new electronic negotiable docu-  
32 ments each having a value such that the sum of said two or more values of the new elec-  
33 tronic negotiable documents adds up to said value of said electronic negotiable document;

34 \_\_\_\_\_ digitally signing said splitting using said secret key of said buyer tamper-resistant  
35 document carrier hardware to generate a splitting signature; and, without settlement of an  
36 account with a said bank,

37 \_\_\_\_\_ negotiating said two or more new electronic negotiable documents separately to  
38 one or more further buyers without the involvement of a trusted third party (TTP);

wherein said digitally signing of said splitting comprises subjecting each of said two or more new electronic negotiable documents to said secret key of said buyer tamper-resistant document carrier hardware; and

wherein said electronic negotiable document and said two or more new electronic negotiable documents each have an associated sequence number, and wherein said electronic negotiable document, including its said associated sequence number, is signed by said secret key of the seller tamper-resistant and document carrier hardware, and wherein each of said new electronic negotiable documents, each including its said associated sequence number, is signed by said secret key of the buyer tamper-resistant document carrier hardware.

61-62 (Cancelled),

63. (Currently Amended) The method as claimed in 62 wherein said seller and said buyer tamper-resistant document carrier hardware each have a document carrier identifier, and wherein each said document carrier identifier is signed by a said secret key.

64. (Previously Presented) The method as claimed in claim 60 wherein said seller tamper-resistant document carrier hardware bears an issuing signature, and wherein said transferring includes transferring said issuing signature from said seller tamper-resistant document carrier hardware to said buyer tamper-resistant document carrier hardware.

- 1 65. (Previously Presented) The method as claimed in claim 64 further compromising  
2 deleting said issuing signature after said transferring.

- 1 66. (Cancelled)